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OM protein - protein search, using sw model

Run on: January 16, 2003, 16:43:32 : Search time 13 3714 seconds
(without alignments)
28.606 Million cell updates/sec

Title: US-09-856-070-19

Perfect score: 65

Sequence: 1 KEELMLRLQDYEE 13

Scoring table:

R10SNM62
Gapop 10 0, Gapext 0 5

Searched: 262574 seqs, 2912922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

- Issued Patents AA:*
- 1: /cgn2_6/ptcdat2/2/iaa/5A.COMB.rep.*
 - 2: /cgn2_6/ptcdat2/2/iaa/5B.COMB.rep.*
 - 3: /cgn2_6/ptcdat2/2/iaa/6A.COMB.rep.*
 - 4: /cgn2_6/ptcdat2/2/iaa/6B.COMB.rep.*
 - 5: /cgn2_6/ptcdat2/2/iaa/6C.COMB.rep.*
 - 6: /cgn2_6/ptcdat2/2/iaa/6D.COMB.rep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	65	100.0	586	4	US-09-040-725A-1
2	39	60.0	357	5	PCT US91-08999-14
3	39	60.0	405	1	US-07-914-281-8
4	39	60.0	405	1	US-08-393-245-8
5	39	60.0	405	1	US-08-525-058A-8
6	39	60.0	405	2	US-08-483-151-4
7	39	60.0	405	2	US-08-696-731-8
8	39	60.0	405	4	US-09-042-531-8
9	37	56.9	62	4	US-09-006-428A-6
10	37	56.9	63	4	US-09-006-428A-7
11	37	56.9	1151	3	US-08-840-006-6
12	37	56.9	1200	3	US-08-840-006-5
13	36.5	56.2	547	4	US-09-089-361B-20
14	36.5	56.2	549	1	US-08-354-240A-2
15	36.5	56.2	550	1	US-08-354-240A-4
16	36.5	56.2	550	1	US-08-354-240A-6
17	36.5	56.2	550	3	US-08-867-352-23
18	36.5	56.2	550	4	US-08-718-425-2
19	36.5	56.2	550	4	US-08-718-425-5
20	36.5	56.2	550	4	US-09-383-061B-6
21	36.5	56.2	550	4	US-09-383-061B-21
22	36.5	56.2	550	3	US-08-487-183A-10
23	36.5	56.2	552	3	US-09-111-752-5
24	36.5	56.2	561	2	US-08-474-169-8
25	36.5	56.2	815	1	US-08-122-520C-3
26	36.5	56.2	1242	4	US-09-489-270A-2
27	36	55.4	331	3	US-08-556-419-25

28 55.4 384 4 US-08-928-442-3 Sequence 3, Appl
29 36 55.4 395 4 US-08-928-442-1 Sequence 1, Appl
30 36 55.4 1885 4 US-08-938-105-3 Sequence 3, Appl
31 36 55.4 1939 4 US-09-310-187A-1 Sequence 1, Appl
32 35.5 54.6 548 4 US-09-360-061B-18 Sequence 18, Appl
33 35.5 54.6 548 4 US-08-487-183A-16 Sequence 16, Appl
34 35 53.8 105 2 US-08-743-230-2 Sequence 2, Appl
35 35 53.2 778 1 US-09-460-145-4 Sequence 4, Appl
36 35 53.8 797 4 US-09-460-145-4 Sequence 4, Appl
37 35 53.8 913 3 US-08-837-298-3 Sequence 3, Appl
38 35 53.8 913 4 US-09-500-358-3 Sequence 3, Appl
39 35 53.8 913 4 US-09-498-809-3 Sequence 3, Appl
40 35 53.8 1898 1 US-08-056-230-94 Sequence 94, Appl
41 35 53.8 1898 2 US-08-800-644-94 Sequence 20, Appl
42 34.5 53.1 149 4 US-09-109-100-20 Sequence 10, Appl
43 34.5 53.1 184 4 US-08-759-628-10 Patent No. 5254534
44 34.5 53.1 214 6 5254534-3
45 34.5 53.1 223 1 US-07-745-382-24 Sequence 24, Appl

ALIGNMENTS

RESULT 1
US-09-040-725A-1
: Sequence 1, Application US/09040725A
: Patent No. 6399584
: GENERAL INFORMATION:
: APPLICANT: Institut Curie
: APPLICANT: CNRS
: APPLICANT: Arbib, Monique
: APPLICANT: Crispaldi, Iliriana
: APPLICANT: Gaudreau, Alexis
: APPLICANT: Levard, Daniel
: TITLE OF INVENTION: Pharmaceutical composition containing ezrin mutated
: TITLE OF INVENTION: on tyrosine 353
: FILE REFERENCE: 391082000100
: CURRENT APPLICATION NUMBER: US/09/040,725A
: CURRENT FILING DATE: 1998-03-18
: NUMBER OF SEQ ID NOS: 4
: SOFTWARE: PatentIn Ver. 2.1
: SEQ ID NO 1
: LENGTH: 586
: TYPE: PRT
: ORGANISM: Homo sapiens
US-09-040-725A-1

Query Match 100.0% Score 65; DB 4; length 586;
Best Local Similarity 100.0%; Prod. No. 0.0014;
Matches 13, Conservative 0, Mismatches 0, Indels 0, Gaps 0;

QY 1 KEELMLRLQDYEE 13
DB 344 KEELMLRLQDYEE 356

RESULT 2
PCT-US91-08999-14

: Sequence 14, Application PCT/US91/00099
: GENERAL INFORMATION:
: APPLICANT: Lower, John H.
: TITLE OF INVENTION: Method and products for the synthesis of oligonucleotide structures on oligonucleotides, oligonucleotides, or as free molecules, and for the isolation of cloned genetic sequences that determine these structures
: TITLE OF INVENTION: Genetic Sequences That Determine These Structures
: NUMBER OF SEQUENCES: 16
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: GILON, SHIVAK, MCLELLAND, MAIER & NEUSIAU, P.C.
: STREET: 1755 Jefferson Davis Highway, Suite 400
: CITY: Arlington
: STATE: Virginia
: ZIP: 22202

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/00899
; FILING DATE: 19910214
; CLASSIFICATION: 4.35
; ATTORNEY/AGENT INFORMATION:
; NAME: Lavalleye, Jean-Paul
; REGISTRATION NUMBER: 31,451
; REFERENCE/DOCKET NUMBER: 2363-060-55 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 457 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FRAGMENT TYPE: C-terminal
; PCT-US91-00899-14

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Query Match 60.0%; Score 39; DB 5; Length 357;
Best Local Similarity 66.7%; Pred. No. 24;
Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

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QY 2 EELMLRLQDYEE 13
   11: 11: 1111
DB 85 EVDLRVLDYEE 96

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RESULT 3
US-07-914-281-8
; Sequence 8, Application US/07914281
; Patent No. 5324663
; GENERAL INFORMATION:
; APPLICANT: LOWE, JOHN B.
; TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS
; OF OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS, ISOLATION
; TITLE OF INVENTION: GLYCOPOLIPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION
; TITLE OF INVENTION: OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTU
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MATER & NEUSTADT,
; ADDRESS: P.C.
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/914,281
; FILING DATE: 19920720
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Lavalleye, Jean-Paul M. P.
; REGISTRATION NUMBER: 31,451
; REFERENCE/DOCKET NUMBER: 2363-060-55
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:

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; LENGTH: 405 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; US-07-914-281-8

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Query Match 60.0%; Score 39; DB 1; Length 405;
Best Local Similarity 66.7%; Pred. No. 28;
Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

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QY 2 EELMLRLQDYEE 13
   11: 11: 1111
DB 136 EVDLRVLDYEE 147

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RESULT 4
US-08-393-246-8
; Sequence 8, Application US/08393246
; Patent No. 5595900
; GENERAL INFORMATION:
; APPLICANT: LOWE, JOHN B.
; TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS
; OF OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,
; TITLE OF INVENTION: GLYCOPOLIPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION
; TITLE OF INVENTION: OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTU
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MATER & NEUSTADT,
; ADDRESS: P.C.
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/393,246
; FILING DATE:
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/220,433
; FILING DATE: 30-MAR-1994
; APPLICATION NUMBER: US 07/914,281
; FILING DATE: 20-JUL-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Lavalleye, Jean-Paul M. P.
; REGISTRATION NUMBER: 31,451
; REFERENCE/DOCKET NUMBER: 2363-060-55
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 405 amino acids
; TYPE: amino acid
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; US-08-393-246-8

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Query Match 60.0%; Score 39; DB 1; Length 405;
Best Local Similarity 66.7%; Pred. No. 28;
Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

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```

QY 2 EELMLRLQDYEE 13
   11: 11: 1111
DB 136 EVDLRVLDYEE 147

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RESULT 5

US-08-525-058A-8
 ? Sequence 8, Application US/08525058A
 ? Patent No. 5770420
 ? GENERAL INFORMATION:
 ? APPLICANT: LOWE, JOHN B.
 ? TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS
 ? OF OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,
 ? GLYCOLIPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION
 ? OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTURES
 ? NUMBER OF SEQUENCES: 23
 ? CORRESPONDENCE ADDRESS:
 ? ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C.
 ? STREET: 1755 Jefferson Davis Highway, Fourth Floor
 ? CITY: Arlington
 ? STATE: Virginia
 ? COUNTRY: U.S.A.
 ? ZIP: 22202
 ? COMPUTER READABLE FORM:
 ? MEDIUM TYPE: Floppy disk
 ? COMPUTER: IBM PC compatible
 ? OPERATING SYSTEM: PC-DOS/MS-DOS
 ? SOFTWARE: PatentIn Release #1.0, Version #1.25
 ? CURRENT APPLICATION DATA:
 ? APPLICATION NUMBER: US/08/525,058A
 ? FILING DATE:
 ? CLASSIFICATION: 435
 ? ATTORNEY/AGENT INFORMATION:
 ? NAME: Lavalley, Jean-Paul M. P.
 ? REGISTRATION NUMBER: 31,451
 ? REFERENCE/DOCKET NUMBER: 2363-060-55
 ? TELECOMMUNICATION INFORMATION:
 ? TELEPHONE: (703)521-4500
 ? TELEFAX: (703)486-2347
 ? TELEX: 248855 OPAT UR
 ? INFORMATION FOR SEQ ID NO: 8:
 ? SEQUENCE CHARACTERISTICS:
 ? LENGTH: 405 amino acids
 ? TYPE: amino acid
 ? TOPOLOGY: linear
 ? MOLECULE TYPE: protein
 ? US-08-525-058A-8

Query Match 60.0% Score 39, DB 1, Length 405,
 Best Local Similarity 66.7%, Pred. No. 28;
 Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 2 EELMLRLQDYEE 13
 ||: ||: ||||
 Db 136 EEVDLRLVDYEE 147

RESULT 6

US-08-483-151-4
 ? Sequence 4, Application US/08483151
 ? Patent No. 5858752
 ? GENERAL INFORMATION:
 ? APPLICANT: Seed, Brian
 ? TITLE OF INVENTION: FUCOSYLTRANSFERASE GENES AND USES THEREOF
 ? NUMBER OF SEQUENCES: 4
 ? CORRESPONDENCE ADDRESS:
 ? ADDRESSEE: Fish & Richardson P.C.
 ? STREET: 225 Franklin Street
 ? CITY: Boston
 ? STATE: MA
 ? COUNTRY: USA
 ? ZIP: 02110-2804
 ? COMPUTER READABLE FORM:
 ? MEDIUM TYPE: Floppy disk
 ? COMPUTER: IBM PC compatible
 ? OPERATING SYSTEM: PC-DOS/MS-DOS
 ? SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
 ? APPLICATION NUMBER: US/08/483,151
 ? FILING DATE: 07-JUN-1995
 ? CLASSIFICATION: 530
 ? ATTORNEY/AGENT INFORMATION:
 ? NAME: Leech, Karen F.
 ? REGISTRATION NUMBER: 35,238
 ? REFERENCE/DOCKET NUMBER: 00/85/278001
 ? TELECOMMUNICATION INFORMATION:
 ? TELEPHONE: 617/542-5070
 ? TELEFAX: 617/542-8906
 ? TELEX: 200154
 ? INFORMATION FOR SEQ ID NO: 4:
 ? SEQUENCE CHARACTERISTICS:
 ? LENGTH: 405 amino acids
 ? TYPE: amino acid
 ? STRANDEDNESS: not relevant
 ? TOPOLOGY: linear
 ? MOLECULE TYPE: protein
 ? US-08-483-151-4

Query Match 60.0% Score 39, DB 2, Length 405,
 Best Local Similarity 66.7%, Pred. No. 28;
 Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 2 EELMLRLQDYEE 13
 ||: ||: ||||
 Db 136 EEVDLRLVDYEE 147

RESULT 7

US-08-696-731-8
 ? Sequence 8, Application US/08696731
 ? Patent No. 5955347
 ? GENERAL INFORMATION:
 ? APPLICANT: LOWE, JOHN B.
 ? TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS
 ? OF OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,
 ? GLYCOLIPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION
 ? OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTURES
 ? NUMBER OF SEQUENCES: 14
 ? CORRESPONDENCE ADDRESS:
 ? ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
 ? ADDRESSEE: P.C.
 ? STREET: 1755 Jefferson Davis Highway, Fourth Floor
 ? CITY: Arlington
 ? STATE: Virginia
 ? COUNTRY: U.S.A.
 ? ZIP: 22202
 ? COMPUTER READABLE FORM:
 ? MEDIUM TYPE: Floppy disk
 ? COMPUTER: IBM PC compatible
 ? OPERATING SYSTEM: PC-DOS/MS-DOS
 ? SOFTWARE: PatentIn Release #1.0, Version #1.25
 ? CURRENT APPLICATION DATA:
 ? APPLICATION NUMBER: US/08/696,731
 ? FILING DATE: 14-AUG-1996
 ? CLASSIFICATION: 435
 ? PRIOR APPLICATION DATA:
 ? APPLICATION NUMBER: 08/393,246
 ? FILING DATE:
 ? APPLICATION NUMBER: US 08/220,433
 ? FILING DATE: 30-MAR-1994
 ? APPLICATION NUMBER: US 07/914,281
 ? FILING DATE: 20-JUL-1992
 ? ATTORNEY/AGENT INFORMATION:
 ? NAME: Lavalley, Jean-Paul M. P.
 ? REGISTRATION NUMBER: 31,451
 ? REFERENCE/DOCKET NUMBER: 2363-060-55
 ? TELECOMMUNICATION INFORMATION:
 ? TELEPHONE: (703)521-4500
 ? TELEFAX: (703)486-2347
 ? TELEX: 248855 OPAT UR

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1 INFORMATION FOR SEQ ID NO: 8:
2 SEQUENCE CHARACTERISTICS:
3 LENGTH: 405 amino acids
4 TYPE: amino acid
5 TOPOLOGY: unknown
6 MOLECULE TYPE: protein
7 US-08-596-731-8
8
9 Query Match: 60.0%; Score 39; DB 2; Length 405;
10 Best Local Similarity: 66.7%; Pred. No. 28;
11 Matches: 8; Conservative: 2; Mismatches: 2; Indels: 0; Gaps: 0;
12
13 QY 2 BELMLRLQDYEE 13
14 11: 11: 1111
15 Db 136 EEDVLRVLDYEE 147
16
17 RESULT 8
18 US-09-042-531-8
19 Sequence 8, Application US/09042531
20 Patent No. 6268193
21 GENERAL INFORMATION:
22 APPLICANT: LOWE, JOHN B.
23 TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS
24 OF OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,
25 TITLE OF INVENTION: GLYCOLIPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION
26 TITLE OF INVENTION: OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTU
27 NUMBER OF SEQUENCES: 14
28 CORRESPONDENCE ADDRESS:
29 ADDRESSEE: OHION, SPIVAK, MCCLELLAND, MATER & NEUSTADT,
30 ADDRESSEE: P.C.
31 STREET: 1755 Jefferson Davis Highway, Fourth Floor
32 CITY: Arlington
33 STATE: Virginia
34 COUNTRY: U.S.A.
35 ZIP: 22202
36 COMPUTER READABLE FORM:
37 MEDIUM TYPE: Floppy disk
38 COMPUTER: IBM PC compatible
39 OPERATING SYSTEM: PC-DOS/MS-DOS
40 SOFTWARE: Patent In Release #1.0, Version #1.25
41 CURRENT APPLICATION DATA:
42 APPLICATION NUMBER: US/09/042,531
43 FILING DATE:
44 CLASSIFICATION:
45 PRIOR APPLICATION DATA:
46 APPLICATION NUMBER: US/08/333,246
47 FILING DATE:
48 APPLICATION NUMBER: US 08/220,433
49 FILING DATE: 30-MAR-1994
50 APPLICATION NUMBER: US 07/914,281
51 FILING DATE: 20-JUL-1992
52 ATTORNEY/AGENT INFORMATION:
53 NAME: Lavalleye, Jean-Paul M. P.
54 REGISTRATION NUMBER: 41,451
55 REFERENCE/DOCCKET NUMBER: 2361-060-55
56 TELECOMMUNICATION INFORMATION:
57 TELEPHONE: (703)521-4500
58 TELEFAX: (703)486-2347
59 TELEX: 248855 OPAT UR
60 INFORMATION FOR SEQ ID NO: 8:
61 SEQUENCE CHARACTERISTICS:
62 LENGTH: 405 amino acids
63 TYPE: amino acid
64 TOPOLOGY: unknown
65 MOLECULE TYPE: protein
66 US-09-042-531-8
67
68 Query Match: 60.0%; Score 39; DB 4; Length 405;
69 Best Local Similarity: 66.7%; Pred. No. 28;
70 Matches: 8; Conservative: 2; Mismatches: 2; Indels: 0; Gaps: 0;
71
72 QY 2 BELMLRLQDYEE 13
73 11: 11: 1111
74 Db 136 EEDVLRVLDYEE 147
75
76 RESULT 9
77 US-09-006-428A-6
78 Sequence 6, Application US/09006428A
79 Patent No. 6444439
80 GENERAL INFORMATION:
81 APPLICANT: Jinq Li
82 APPLICANT: Kazuhisa Nishizawa
83 APPLICANT: Wenqian An
84 APPLICANT: Ellis L. Reinherz
85 TITLE OF INVENTION: CLONING AND CHARACTERIZATION OF A
86 TITLE OF INVENTION: GDC15-LIKE ADAPTOR PROTEIN (CD2BP1)
87 FILE REFERENCE: 1062.1020-000
88 CURRENT APPLICATION NUMBER: US/09/006,428A
89 CURRENT FILING DATE: 1998-01-13
90 NUMBER OF SEQ ID NOS: 28
91 SOFTWARE: FastSeq for Windows Version 4.0
92 SEQ ID NO 6
93 LENGTH: 62
94 TYPE: PRT
95 ORGANISM: Homo sapiens
96 US-09-006-428A-6
97
98 Query Match: 56.9%; Score 37; DB 4; Length 62;
99 Best Local Similarity: 58.3%; Pred. No. 8.4;
100 Matches: 7; Conservative: 3; Mismatches: 2; Indels: 0; Gaps: 0;
101
102 QY 2 BELMLRLQDYEE 13
103 11: 11: 1111
104 Db 6 KELVLALDYQE 17
105
106 RESULT 10
107 US-09-006-428A-7
108 Sequence 7, Application US/09006428A
109 Patent No. 6444439
110 GENERAL INFORMATION:
111 APPLICANT: Jinq Li
112 APPLICANT: Kazuhisa Nishizawa
113 APPLICANT: Wenqian An
114 APPLICANT: Ellis L. Reinherz
115 TITLE OF INVENTION: CLONING AND CHARACTERIZATION OF A
116 TITLE OF INVENTION: GDC15-LIKE ADAPTOR PROTEIN (CD2BP1)
117 FILE REFERENCE: 1062.1020-000
118 CURRENT APPLICATION NUMBER: US/09/006,428A
119 CURRENT FILING DATE: 1998-01-13
120 NUMBER OF SEQ ID NOS: 28
121 SOFTWARE: FastSeq for Windows Version 4.0
122 SEQ ID NO 7
123 LENGTH: 63
124 TYPE: PRT
125 ORGANISM: Homo sapiens
126 US-09-006-428A-7
127
128 Query Match: 56.9%; Score 37; DB 4; Length 63;
129 Best Local Similarity: 58.3%; Pred. No. 8.6;
130 Matches: 7; Conservative: 3; Mismatches: 2; Indels: 0; Gaps: 0;
131
132 QY 2 BELMLRLQDYEE 13
133 11: 11: 1111
134 Db 8 KELVLALDYQE 19
135
136 RESULT 11
137 US-08-840-006-6
138 Sequence 6, Application US/08840006
139 Patent No. 6127520
140 GENERAL INFORMATION:
141 APPLICANT: Ueda, Tetsufumi
142 APPLICANT: Ozkan, Eric D.

```

```

? TITLE OF INVENTION: Compositions And Methods For The
? TITLE OF INVENTION: Inhibition Of Neurotransmitter Uptake Of Synaptic Vesicles
? NUMBER OF SEQUENCES: 6
? CORRESPONDENCE ADDRESS:
? ADDRESSEE: Medlen & Carroll, LLP
? STREET: 220 Montgomery Street, Suite 2200
? CITY: San Francisco
? STATE: California
? COUNTRY: United States of America
? ZIP: 94104
? COMPUTER READABLE FORM:
? MEDIUM TYPE: Floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: Patent In Release #1.0, Version #1.0
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/08/840,006
? FILING DATE: 15-APR-1997
? CLASSIFICATION: 514
? ATTORNEY/AGENT INFORMATION:
? NAME: Carroll, Peter G.
? REGISTRATION NUMBER: 32,837
? REFERENCE/DOCKET NUMBER: UM-02786
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (415) 705-8410
? TELEFAX: (415) 397-8138
? INFORMATION FOR SEQ ID NO: 6:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 1151 amino acids
? TYPE: amino acid
? STRANDEDNESS: not relevant
? TOPOLOGY: linear
? MOLECULE TYPE: peptid
US-08-840-006-6

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```

Query Match 56.9%; Score 37; DB 3; Length 1151;
Best Local Similarity 58.3%; Pred. No. 1.9e+02;
Matches 7; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

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QY 2 EELMLPLQDYEE 13
   :||:| ||:|
DB 944 KELVLALVDYQE 955

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RESULT 12
US-08-840-006-5
? Sequence 5, Application US/08840006
? Patent No. 6127520
? GENERAL INFORMATION:
? APPLICANT: Ueda, Tatsufumi
? APPLICANT: Ozkan, Eric D.
? TITLE OF INVENTION: Compositions And Methods For The
? TITLE OF INVENTION: Inhibition Of Neurotransmitter Uptake Of Synaptic Vesicles
? NUMBER OF SEQUENCES: 6
? CORRESPONDENCE ADDRESS:
? ADDRESSEE: Medlen & Carroll, LLP
? STREET: 220 Montgomery Street, Suite 2200
? CITY: San Francisco
? STATE: California
? COUNTRY: United States of America
? ZIP: 94104
? COMPUTER READABLE FORM:
? MEDIUM TYPE: Floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: Patent In Release #1.0, Version #1.30
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/08/840,006
? FILING DATE: 15-APR-1997
? CLASSIFICATION: 514
? ATTORNEY/AGENT INFORMATION:
? NAME: Carroll, Peter G.
? REGISTRATION NUMBER: 32,837

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? REFERENCE/DOCKET NUMBER: UM-02786
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (415) 705-8410
? TELEFAX: (415) 397-8138
? INFORMATION FOR SEQ ID NO: 5:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 1200 amino acids
? TYPE: amino acid
? STRANDEDNESS: not relevant
? TOPOLOGY: linear
? MOLECULE TYPE: peptid
US-08-840-006-5

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Query Match 56.9%; Score 37; DB 3; Length 1200;
Best Local Similarity 58.3%; Pred. No. 2e+02;
Matches 7; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

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QY 2 EELMLPLQDYEE 13
   :||:| ||:|
DB 969 KELVLALVDYQE 980

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RESULT 13
US-09-380-061B-20
? Sequence 20, Application US/09380061B
? Patent No. 6265177
? GENERAL INFORMATION:
? APPLICANT: SQUIRRELL, DAVID JAMES
? APPLICANT: WHITE, PETER JOHN
? APPLICANT: LOWE, CHRISTOPHER ROBIN
? APPLICANT: MURRAY, JAMES AUGUSTUS HENRY
? TITLE OF INVENTION: ENZYME ASSAY FOR MUTANT FIREFLY LUCIFERASE
? NUMBER OF SEQUENCES: 21
? CORRESPONDENCE ADDRESS:
? ADDRESSEE: NIXON & VANDERHYE P.C.
? STREET: 1100 NORTH GLEBE ROAD
? CITY: ARLINGTON
? STATE: VIRGINIA
? COUNTRY: U.S.A.
? ZIP: 22201-4714
? COMPUTER READABLE FORM:
? MEDIUM TYPE: Floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: Patent In Release #1.0, Version #1.25 (EP0)
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/09/380,061B
? FILING DATE: 25-Aug-1999
? CLASSIFICATION: <Unknown>

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? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: PCT/GB98/01025
? FILING DATE: 7-APR-1998
? APPLICATION NUMBER: GB 970468.8
? FILING DATE: 11-APR-1997
? ATTORNEY/AGENT INFORMATION:
? NAME: SADOFF, H. J.
? REGISTRATION NUMBER: 36,663
? REFERENCE/DOCKET NUMBER: 124-725
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (703)816-4000
? TELEFAX: (703)816-4100
? INFORMATION FOR SEQ ID NO: 20:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 547 amino acids
? TYPE: amino acid
? TOPOLOGY: linear
? MOLECULE TYPE: protein
? SOURCE OF SEQUENCE: SEQ ID NO: 20;
US-09-380-061B-20

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Query Match 56.2%; Score 36.5; DB 4; Length 547;
Best Local Similarity 69.2%; Pred. No. 1e+02;
Matches 9; Conservative 2; Mismatches 1; Indels 1; Gaps 1;

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QY 1 KEELMLR-LQYVE 12
 :||| || |||||
 DB 269 KEELFLRSIQYK 281

RESULT 14

US-08 354 240A 2
 : Sequence 2, Application US/08354240A
 : Patent No. 5670456
 : GENERAL INFORMATION:
 : APPLICANT: Sherl, Bruce A.
 : APPLICANT: Wood, Keith V.
 : TITLE OF INVENTION: MODIFIED LUCIFERASE
 : NUMBER OF SEQUENCES: 20
 : CORRESPONDENCE ADDRESS:
 : ADDRESSEE: DOWITT ROSS & STEVENS, S.C.
 : STREET: 8000 Excelsior Drive, Suite 401
 : CITY: Madison
 : STATE: WI
 : COUNTRY: USA
 : ZIP: 53717-1914
 : COMPUTER READABLE FORM:
 : MEDIUM TYPE: Floppy disk
 : COMPUTER: IBM PC compatible
 : OPERATING SYSTEM: PC-DOS/MS-DOS
 : SOFTWARE: Patent In Release #1.0, Version #1.30
 : CURRENT APPLICATION DATA:
 : FILING DATE: 12-DEC-1994
 : CLASSIFICATION: 435
 : ATTORNEY/AGENT INFORMATION:
 : NAME: Sara, Charles S.
 : REGISTRATION NUMBER: 30,492
 : REFERENCE/DOCKET NUMBER: 44506.029
 : TELECOMMUNICATION INFORMATION:
 : TELEPHONE: 608-831-2100
 : TELEFAX: 608-831-2106
 : INFORMATION FOR SEQ ID NO: 2:
 : SEQUENCE CHARACTERISTICS:
 : LENGTH: 549 amino acids
 : TYPE: amino acid
 : TOPOLOGY: linear
 : MOLECULE TYPE: protein
 : US 08 354-240A-2

Query Match 56.2%; Score 36.5; DB 1; Length 549;
 Best Local Similarity 69.2%; Pred. No. 1e+02;
 Matches 9; Conservative 2; Mismatches 1; Indels 1; Gaps 1;

QY 1 KEELMLR-LQYVE 12
 :||| || |||||
 DB 269 KEELFLRSIQYK 281

RESULT 15

US-08 354-240A 4
 : Sequence 4, Application US/08354240A
 : Patent No. 5670456
 : GENERAL INFORMATION:
 : APPLICANT: Sherl, Bruce A.
 : APPLICANT: Wood, Keith V.
 : TITLE OF INVENTION: MODIFIED LUCIFERASE
 : NUMBER OF SEQUENCES: 20
 : CORRESPONDENCE ADDRESS:
 : ADDRESSEE: DOWITT ROSS & STEVENS, S.C.
 : STREET: 8000 Excelsior Drive, Suite 401
 : CITY: Madison
 : STATE: WI
 : COUNTRY: USA
 : ZIP: 53717-1914
 : COMPUTER READABLE FORM:
 : MEDIUM TYPE: Floppy disk

: COMPUTER: IBM PC compatible
 : OPERATING SYSTEM: PC-DOS/MS-DOS
 : SOFTWARE: Patent In Release #1.0, Version #1.30
 : CURRENT APPLICATION DATA:
 : FILING DATE: 12-DEC-1994
 : CLASSIFICATION: 435
 : ATTORNEY/AGENT INFORMATION:
 : NAME: Sara, Charles S.
 : REGISTRATION NUMBER: 30,492
 : REFERENCE/DOCKET NUMBER: 44506.029
 : TELECOMMUNICATION INFORMATION:
 : TELEPHONE: 608-831-2100
 : TELEFAX: 608-831-2106
 : INFORMATION FOR SEQ ID NO: 4:
 : SEQUENCE CHARACTERISTICS:
 : LENGTH: 550 amino acids
 : TYPE: amino acid
 : TOPOLOGY: linear
 : MOLECULE TYPE: protein
 : US-08 354-240A-4

Query Match 56.2%; Score 36.5; DB 1; Length 550;
 Best Local Similarity 69.2%; Pred. No. 1e+02;
 Matches 9; Conservative 2; Mismatches 1; Indels 1; Gaps 1;

QY 1 KEELMLR-LQYVE 12
 :||| || |||||
 DB 269 KEELFLRSIQYK 281

Search completed: January 16, 2003, 16:59:12
 Job time : 14.3714 secs